

MD ROUTE 2 IS ASSUMED TO RUN  
IN A NORTH-SOUTH DIRECTION

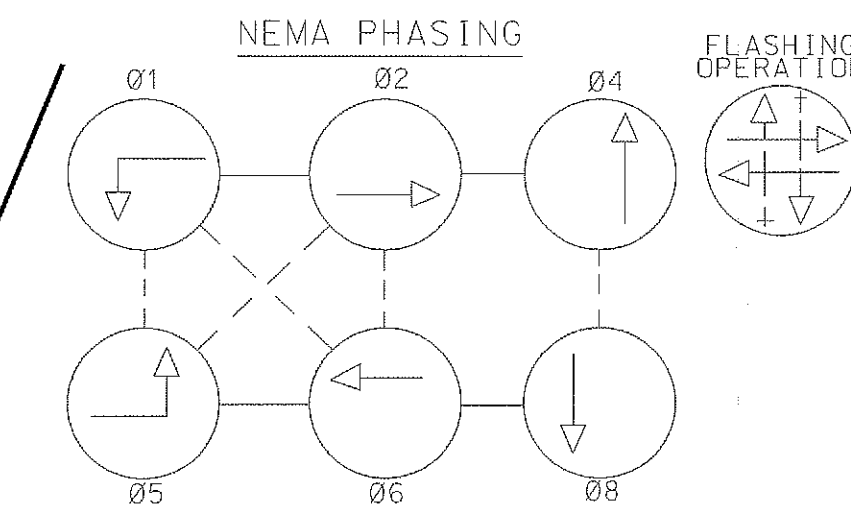
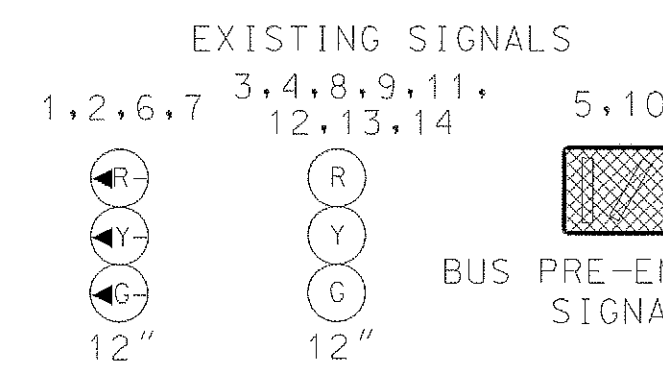
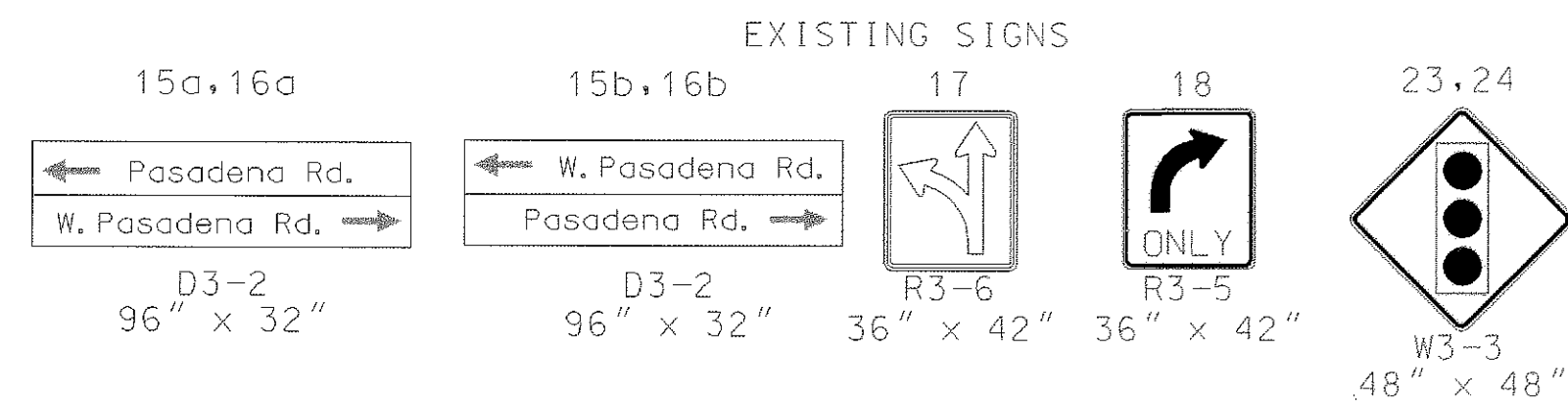
### PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE TRAFFIC SIGNAL  
AT MD 2 AND PASADENA ROAD /WEST PASADENA ROAD. MD 2 IS  
ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION.

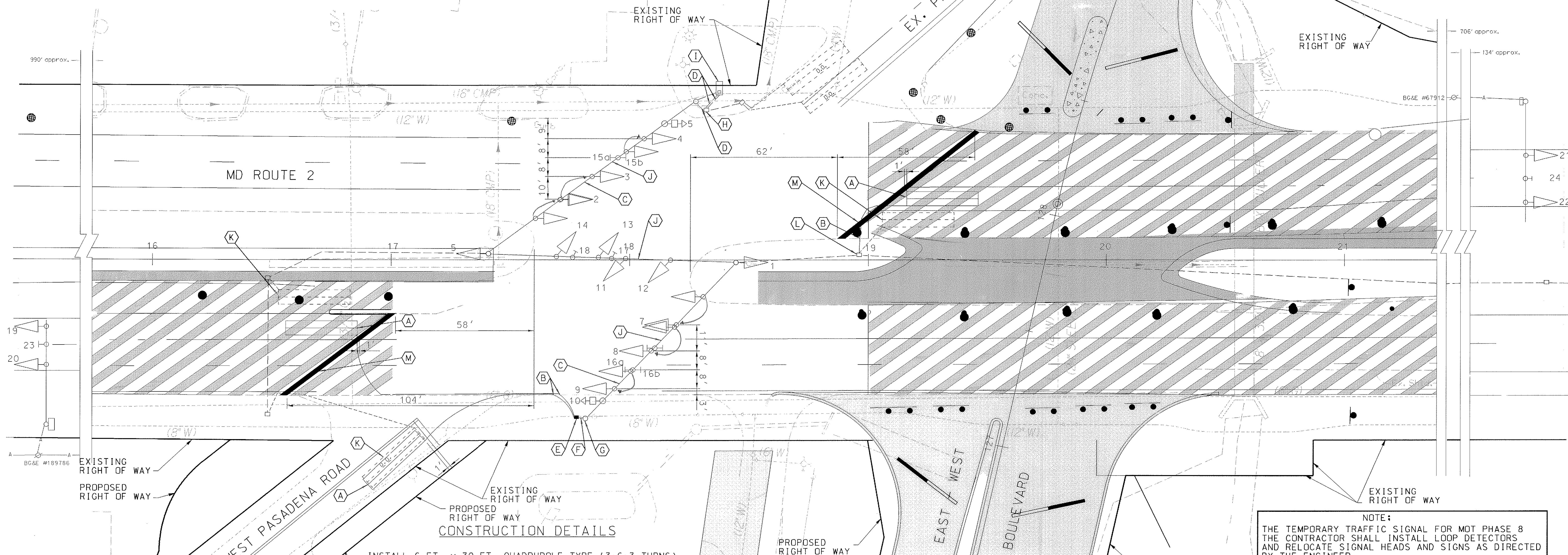
#### INTERSECTION OPERATION

##### 1. NORMAL OPERATION

THE INTERSECTION WILL OPERATE IN A NEMA (6) SIX-PHASE; SEMI-TRAFFIC-  
ACTUATED MODE WITH NORTHBOUND AND SOUTHBOUND MD 2 APPROACHES OPERATING  
CONCURRENTLY. WEST PASADENA ROAD AND PASADENA RD. APPROACHES WILL ALSO  
OPERATE CONCURRENTLY. EXCLUSIVE LEFT TURNS WILL BE MAINTAINED ON  
NORTHBOUND AND SOUTHBOUND MD 2.



NEMA NOTES:  
1. PHASES ASSOCIATED BY A DASHED LINE WILL  
OPERATE CONCURRENTLY.



### CONSTRUCTION DETAILS

- INSTALL 6 FT. x 30 FT. QUADRUPOLE TYPE (3-6-3 TURNS)  
LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.  
FURNISH AND INSTALL 1 INCH GALVANIZED CONDUIT (FOR LOOP  
DETECTOR SLEEVE)
- RELOCATE EXISTING SIGNAL HEAD AND SIGNS ON SPAN WIRE AS SHOWN.
- USE EXISTING CONDUIT.
- INSTALL HANDHOLE.
- INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL  
CONDUIT (TRENCHED)
- INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE, 90 DEGREE  
BEND IN EXISTING POLE BASE.
- USE EXISTING HANDHOLE.
- REWIRE CONTROLLER AS NEEDED.
- USE EXISTING SPAN.
- ABANDON EXISTING LOOP DETECTOR.
- FURNISH AND INSTALL LOOP DETECTOR SPLICE
- FURNISH AND INSTALL 24 INCH WHITE REMOVABLE  
PREFORMED PAVEMENT MARKING (STOP LINE)

#### UTILITY LEGEND

- G — G — GAS MAIN  
W — W — WATER MAIN  
S — S — SEWER MAIN  
E — E — ELECTRIC CABLES  
A — A — AERIAL CABLES  
T — T — TELEPHONE CABLES

- LEGEND
- CONCRETE BARRIER
- TRAFFIC DRUMS
- TYPE III BARRICADE
- ▨ MILL AND RESURFACING
- FULL DEPTH PAVEMENT

NOTE:  
THE TEMPORARY SIGNAL FOR MDT PHASE 8  
THE CONTRACTOR SHALL INSTALL LOOP DETECTORS  
AND RELOCATE SIGNAL HEADS AND SIGNS AS DIRECTED  
BY THE ENGINEER

### TEMPORARY SIGNAL - PHASE 7

SP-3

**RUMMEL, KLEPPER  
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REVISIONS		APPROVALS	
		TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION	
		ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION	
		CHIEF TRAFFIC ENGINEERING DESIGN DIVISION	
		DIRECTOR, TRAFFIC & SAFETY	
(E) RECONSTRUCT TRAFFIC SIGNAL DUE TO NEW GEOMETRICS 10/99		ORIGINAL	
D 12/96-AS BUILT; REBUILD EXISTING H.I.B. FOR N/B MD 2 S.H.A. NO. 6/95			

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
*Office of Traffic & Safety*  
**TRAFFIC ENGINEERING DESIGN DIVISION**  
SIGNAL PLAN FOR  
MD RTE. 2 @ EAST-WEST BLVD. AND PASADENA RD.  
EAST-WEST BLVD  
FROM JUMPERS HOLE RD. TO 600 FT. EAST OF MD. RTE. 2

DRAWN BY: SMH	F.A.P. NO. N/A	SEE TITLE SHEET	TS NO. X7-307E
CHECKED BY: DLA /CS	S.H.A. NO. ANNE ARUNDEL		
SCALE: 1" = 20'	COUNTY: 02000232.03		
DATE: NOVEMBER, 1999	LOG MILE: C937		
			SHEET NO. 63 OF 78